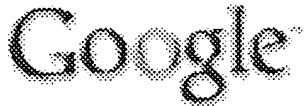


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L. Sevgi - Antennas and Propagation Magazine, IEEE, 2004 - [ieeexplore.ieee.org](#)

... **modeling**, and **simulation** are presented. Finally, some suggestions and a short-course outline are given for modern EMC-BEM education. Keywords: **Electromagnetic** ...

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... measuring the **electromagnetic** shielding effectiveness of materials. I. Far-field source **simulation** - group of 2 »

PF Wilson, MT Ma, JW Adams - **Electromagnetic Compatibility**, IEEE Transactions on, 1988 -

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A Taflov, KR Umashankar - Proceedings of the IEEE, 1989 - [ieeexplore.ieee.org](#)

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SL Loyka, VI Mordachev - **Electromagnetic Interference and Compatibility'97**, ..., 1997 - [ieeexplore.ieee.org](#)

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... is measured in an EMC (**ElectroMagnetic** Compatibility) chambers ... 393 domain with conventional circuit **simulation** using a ... the Fast Fourier Transform (FFT) of all ...

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EMC analysis of planar structures using static solvers

R Raghuram, N Matsui, AS Technol, CA San Jose - **Electromagnetic Compatibility**, 1998. 1998 IEEE



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H Zhu, JS Lai, AR Hefner Jr, Y Tang, C Chen - *Industry Applications, IEEE Transactions on*, 2001 - [ieeexplore.ieee.org](#)

... took limited sampling data and performed FFT for only ... et al., "Analysis of conducted EMI emissions from ... of PWM inverters for **electromagnetic compatibility** per ...

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Electromagnetic-wave visualization for EMI using a new holographic method - group of 3 »

H Kitayoshi, K Sawaya - *Electronics & Communications in Japan, Part I: ...*, 1999 - [doi.wiley.com](#)

... Key words: **Electromagnetic** holography; EMC/ EMI measurement; resolution; visualization range; parti- tioned FFT. 1. Introduction ...

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EMI-noise analysis under ASIC design environment - group of 3 »

S Hayashi, M Yamada - *Computer-Aided Design of Integrated Circuits and Systems, ...*, 2000 - [ieeexplore.ieee.org](#)

... connectors and cables, and **electromagnetic** radiation occurs ... Switching Current Waveform: Since EMI-noise analysis ... ports obtained by HSPICE simulation and FFT. ...

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Nonlinear EMI simulation of an AM detector at the system level - group of 4 »

SL Loyka - *Electromagnetic Compatibility, IEEE Transactions on*, 2000 - [ieeexplore.ieee.org](#)

... analysis is, for instance, a very important part of EMC/EMI modeling of a ... IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY, VOL. ... S = FFT (u); u = IFFT (S): (3 ...

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Analysis of conducted EMI emissions from PWM inverter based on empirical models and comparative ...

H Zhu, JS Lai, AR Hefner Jr, Y Tang, C Chen - *Power Electronics Specialists Conference, 1999. PESC 99. ...*, 1999 - [ieeexplore.ieee.org](#)

... become increasingly important, as the **electromagnetic** compatibility (EMC ... and propagation mechanism of EMI, the setup ... sampling data and performs FFT only for one ...

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Three-phase inverter differential mode EMI modeling and prediction in frequency domain

X Huang, E Pepa, JS Lai, S Chen, TW Nehl - *Industry Applications Conference, 2003. 38th IAS Annual ...*, 2003 -


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Sachio Hayashi, Masaaki Yamada

 April 1999 **Proceedings of the 1999 international symposium on Physical design**

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### 2 [Simulating 3-D retarded interconnect models using complex frequency hopping \(CFH\)](#)

Eli Chiprout, Hansruedi Heeb, Michel S. Nakhla, Alber E. Ruehli

 November 1993 **Proceedings of the 1993 IEEE/ACM international conference on Computer-aided design**

Publisher: IEEE Computer Society Press

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### 3 [Passive model order reduction: Model order reduction for strictly passive and causal distributed systems](#)



Luca Daniel, Joel Phillips

 June 2002 **Proceedings of the 39th conference on Design automation**

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This paper presents a class of algorithms suitable for model reduction of distributed systems. Distributed systems are not suitable for treatment by standard model-reduction algorithms such as PRIMA, PVL, and the Arnoldi schemes because they generate matrices that are dependent on frequency (or other parameters) and cannot be put in a lumped or state-space form. Our algorithms build on well-known projection-based reduction techniques, and so require only matrix-vector product operations and are ...

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... The latest surge of interest in shielding is generated by the needs to assure **electromagnetic compatibility (EMC)** of computer, telecommunica- tions, and cable ...

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... a computer in order 10 ob- tain Past-Fourier Transform (FFT) as well ... INTRODUCTION

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JLE Bougeret, MLE Kaiser, PJE Kellogg, RE Manning, ... - Space Science Reviews, 1995 - Springer

... et al., 1985; Canu, 1990) and other types of electrostatic or **electromagnetic** waves ...

The WAVES FFT receiver will allow measurement of the com- plete spectrum of ...

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The time-domain **electromagnetic** interference measurement system - group of 5 »

F Krug, P Russer - **Electromagnetic Compatibility**, IEEE Transactions on, 2003 - [ieeexplore.ieee.org](#)

... EMI), fast Fourier transform (FFT), measurement, spectral ... to achieve and to improve

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H Heeb, A Ruehl, J Janak, S Daijavadi - Computer-Aided Design, 1990. ICCAD-90. Digest of Technical ..., 1990 - [ieeexplore.ieee.org](#)

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chambers ... After taking the Fast Fourier Transform (FFT) of all the currents in ...

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L Sevgi - Antennas and Propagation Magazine, IEEE, 2004 - [ieeexplore.ieee.org](#)

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engineering deal with device-device and device-human interactions ...

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TJ Cui, WC Chew - Antennas and Propagation, IEEE Transactions on, 1999 - [ieeexplore.ieee.org](#)

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